

## II. CLAIMS

1. (Previously presented) Method for transmitting paging indicators in a cellular telecommunication system employing time division duplex mode, in which method information is carried in bursts over the air interface, and in which method paging indicators are carried in data part of certain bursts having at least a data part and a training sequence part,

wherein a transmission level of at least a training sequence part of a burst carrying paging indicators has a predefined relation to the transmission level of the training sequence part of a burst belonging to a channel which is used in measurements of radio link quality.

2. (Previously presented) A method according to claim 1, wherein said channel is the primary common control physical channel.

3. (Previously presented) A method according to claim 1, wherein said predefined relation is that the transmission level of at least the training sequence part of a burst carrying paging indicators is essentially the same as the transmission level of the training sequence part of a burst belonging to said channel.

4. (Previously presented) A method in a mobile terminal of a cellular telecommunication network for measuring quality of a radio link between the mobile terminal and a base station of the network, which mobile terminal is arranged to employ time division duplex mode and to receive bursts carrying information

from the base station, the bursts having at least a data part and a training sequence part, and which mobile terminal is arranged to receive paging indicators carried in certain bursts, wherein the method comprises steps, in which

- a burst carrying paging indicators is received,
- a reception level of the training sequence part of said burst is measured, and
- a result value indicating the quality of the radio link is determined on a basis of said measurement of the reception level of the training sequence part of said burst.

5. (Previously presented) A mobile terminal of a cellular telecommunication network, which mobile terminal is arranged to employ time division duplex mode and to receive bursts carrying information from a base station, the bursts having at least a data part and a training sequence part, and which mobile terminal is arranged to receive paging indicators carried in certain bursts, wherein the mobile terminal comprises:

- means for receiving a paging indicator burst,
- means for measuring a reception level of the training sequence part of said paging indicator burst, and
- means for determining a result value indicating a quality of the radio link on a basis of the output of said means for measuring.

6. (Previously presented) A system in a radio access network of a cellular telecommunication system employing time division duplex mode, in which mode information is carried in bursts over the air interface, and in which mode paging indicators are carried in data part of certain bursts having at least a data part and a training sequence part,

wherein the system comprises means for adjusting a transmission level of at least the training sequence part of a burst carrying paging indicators to a certain level, said certain level having a predefined relation to the transmission level of the training sequence part of a burst belonging to a channel which is used in measurements of radio link quality.

7. (Previously presented) A system according to claim 6, wherein said channel is the primary common control physical channel.

8. (Previously presented) A system according to claim 6, wherein said predefined relation is that the transmission level of at least the training sequence part of a burst carrying paging indicators is essentially the same as the transmission level of the training sequence part of a burst belonging to said channel.